BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Estimate for Providing Road and Construction of Drain and Covering Slab at Agrahara layout in Ward No. 05

			Estimate Cost Rs.					7000000.00	
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earth work excavation by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. No. 141/ Item No. 19.1/ PWD SR 2016-17	cum							
	Desilting of Drain								
	2nd Main Road		2	150.00	0.40	0.30	36.00		
	2nd main 7th Cross		2	50.00	0.40	0.30	12.00		
			2	60.00	0.40	0.30	14.40		
	2nd Main 6th Cross		2	50.00	0.40	0.30	12.00		
			2	60.00	0.40	0.30	14.40		
	2nd main 5th Cross		2	50.00	0.40	0.30	12.00		
			2	60.00	0.40	0.30	14.40		
	2nd main 4th Cross		2	50.00	0.40	0.30	12.00		
			2	40.00	0.40	0.30	9.60		
	2nd main 3rd Cross		2	50.00	0.40	0.30	12.00		
			2	40.00	0.40	0.30	9.60		
	3rd Main 7th Cross		2	90.00	0.43	0.30	23.22		
	3rd Main 6th Cross		2	50.00	0.40	0.30	12.00		
	3rd Main 5th Cross		2	40.00	0.40	0.30	9.60		
							203.22	86.92	**17664.00**
	Basic Rate	82.00							
	Area Weightage @ 6%	4.92							
	Total	**86.92**							
2	Removing B.S Slab of Drain and stacking Page No. 25/ Item No. 5.32/ PWD SR 2016-17	Sqm							
	2nd Main Road		2	150.00	1.65		495.00		
	2nd main 7th Cross		2	50.00	1.65		165.00		
			2	60.00	1.65		198.00		
	2nd Main 6th Cross		2	50.00	1.65		165.00		
			2	60.00	1.65		198.00		
	2nd main 5th Cross		2	50.00	1.65		165.00		
			2	60.00	1.65		198.00		
	2nd main 4th Cross		2	50.00	1.65		165.00		
			2	40.00	1.65		132.00		
	2nd main 3rd Cross		2	50.00	1.65		165.00		
			2	40.00	1.65		132.00		
	3rd Main 7th Cross		2	90.00	1.65		297.00		
	3rd Main 6th Cross		2	50.00	1.65		165.00		
	3rd Main 5th Cross		2	40.00	1.65		132.00		
							2772.00		
	Deduct 35% Missing Slabs						970.20	748.44	
							1801.80	65.72	**118414.00**

2023.56 132988

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic Rate	62.00							
	Area Weightage @ 6%	3.72							
	Total	**65.72**							
3	Refixing stone slabs of drains and pointing in C.M (1:3) Page No. 25/ Item No. 5.33/ PWD SR 2016-17	Sqm							
			Qty Vide Item No.2				1801.80		
							1801.80	**80.56**	**145153.00**
	Basic Rate	76.00							
	Area Weightage @ 6%	4.56							
	Total	**80.56**							
4	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete -do- 7.5 cms thick Page No. 28/ Item No. 5.31.1/ PWD SR 2016-17	**Sqm**						748.44	498222.00
	For Missing slabs (35%) 27.1.		Missing Slabs				970.20		
							970.20	665.68	**645843.00**
	Basic Rate	628.00							
	Area Weightage @ 6%	37.68							
	Total	**665.68**							
5	KSRRB 300-1. Earth work excavation by manual means in Hard Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. No. 141/ Item No. 19.2/ PWD SR 2015-16	Cum							
	For Flaging Course Drain								
	2nd Main Road		2X2	150.00	0.25	0.30	45.00		
	2nd main 7th Cross		2X2	50.00	0.25	0.30	15.00		
			2X2	60.00	0.25	0.30	18.00		
	2nd Main 6th Cross		2X2	50.00	0.25	0.30	15.00		
			2X2	60.00	0.25	0.30	18.00		
	2nd main 5th Cross		2X2	50.00	0.25	0.30	15.00		
			2X2	60.00	0.25	0.30	18.00		
	2nd main 4th Cross		2X2	50.00	0.25	0.30	15.00		
			2X2	40.00	0.25	0.30	12.00		
	2nd main 3rd Cross		2X2	50.00	0.25	0.30	15.00		
			2X2	40.00	0.25	0.30	12.00		
	3rd Main 7th Cross		2X2	90.00	0.25	0.30	27.00		
	3rd Main 6th Cross		2X2	50.00	0.25	0.30	15.00	86.92	
	3rd Main 5th Cross		2X2	40.00	0.25	0.30	12.00		
							252.00	115.56	**29121.00**
	Basic Rate	107.00	82						
	Area Weightage @ 8%	8.56	4.92						21903.84
	Total	**115.56**	86.92						

948977.84

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
6	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M 1:4:8 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2016-17	Cum							
	For Flaging Course Drain								
	2nd Main Road		2X2	150.00	0.25	0.15	22.50		
	2nd main 7th Cross		2X2	50.00	0.25	0.15	7.50		
			2X2	60.00	0.25	0.15	9.00		
	2nd Main 6th Cross		2X2	50.00	0.25	0.15	7.50		
			2X2	60.00	0.25	0.15	9.00		
	2nd main 5th Cross		2X2	50.00	0.25	0.15	7.50		
			2X2	60.00	0.25	0.15	9.00		
	2nd main 4th Cross		2X2	50.00	0.25	0.15	7.50		
			2X2	40.00	0.25	0.15	6.00		
	2nd main 3rd Cross		2X2	50.00	0.25	0.15	7.50		
			2X2	40.00	0.25	0.15	6.00		
	3rd Main 7th Cross		2X2	90.00	0.25	0.15	13.50		
	3rd Main 6th Cross		2X2	50.00	0.25	0.15	7.50		
	3rd Main 5th Cross		2X2	40.00	0.25	0.15	6.00		
							126.00	5159.02	**650037.00**
	Basic Rate	4867.00							
	Area Weightage @ 6%	292.02							
	Total	**5159.02**							
7	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 24/ Item No. 5.27/ PWD SR 2016-17	Sqm							
	For Raising Course Drain								
	2nd Main Road		2X2	150.00		0.40	240.00		
	2nd main 7th Cross		2X2	50.00		0.40	80.00		
			2X2	60.00		0.40	96.00		
	2nd Main 6th Cross		2X2	50.00		0.40	80.00		
			2X2	60.00		0.40	96.00		
	2nd main 5th Cross		2X2	50.00		0.40	80.00		
			2X2	60.00		0.40	96.00		
	2nd main 4th Cross		2X2	50.00		0.40	80.00		
			2X2	40.00		0.40	64.00		
	2nd main 3rd Cross		2X2	50.00		0.40	80.00		
			2X2	40.00		0.40	64.00		
	3rd Main 7th Cross		2X2	90.00		0.40	144.00		
	3rd Main 6th Cross		2X2	50.00		0.40	80.00		
	3rd Main 5th Cross		2X2	40.00		0.40	64.00		
							1344.00	993.22	**1334888.00**
	Basic Rate	937.00							
	Area Weightage @ 6%	56.22							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Total	**993.22**							
8	KSRB 4-1.7 : : Providing and laying in position plain cement concrete of mix 1:3:6 withOPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2/P No. 13/ Item No. 4.7/ PWD SR	**cum**							
	For Raising Course Drain Coaping								
	2nd Main Road		2X2	150.00	0.20	0.10	12.00		
	For Vent Concrete		2	150.00	0.40	0.10	12.00		
	2nd main 7th Cross		2X2	50.00	0.20	0.10	4.00		
			2X2	60.00	0.20	0.10	4.80		
	2nd Main 6th Cross		2X2	50.00	0.20	0.10	4.00		
			2X2	60.00	0.20	0.10	4.80		
	2nd main 5th Cross		2X2	50.00	0.20	0.10	4.00		
			2X2	60.00	0.20	0.10	4.80		
	2nd main 4th Cross		2X2	50.00	0.20	0.10	4.00		
			2X2	40.00	0.20	0.10	3.20		
	2nd main 3rd Cross		2X2	50.00	0.20	0.10	4.00		
			2X2	40.00	0.20	0.10	3.20		
	3rd Main 7th Cross		2X2	90.00	0.20	0.10	7.20		
	3rd Main 6th Cross		2X2	50.00	0.20	0.10	4.00		
	3rd Main 5th Cross		2X2	40.00	0.20	0.10	3.20		
	Back Filling for House Front		70	4.00	0.30	0.25	21.00		
							100.20	5598.92	**561012.00**
	Basic Rate	5282.00							
	Area Weightage @ 6%	316.92							
	Total	**5598.92**							
9	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shutterng machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 Including all cost of Matirial (DATA RATE ENCLOSED)	Sqm							
	For Raising Course Drain								
	2nd Main Road		2	150.00	1.20		360.00		
	2nd main 7th Cross		2	50.00	0.90		90.00		
			2	60.00	0.90		108.00		
	2nd Main 6th Cross		2	50.00	0.90		90.00		
			2	60.00	0.90		108.00		
	2nd main 5th Cross		2	50.00	0.90		90.00		
			2	60.00	0.90		108.00		
	2nd main 4th Cross		2	50.00	0.90		90.00		
			2	40.00	0.90		72.00		
	2nd main 3rd Cross		2	50.00	0.90		90.00		
			2	40.00	0.90		72.00		
	3rd Main 7th Cross		2	90.00	0.90		162.00		
	3rd Main 6th Cross		2	50.00	0.90		90.00		
	3rd Main 5th Cross		2	10.00	1.20		24.00		
							1554.00	1856.67	**2885265.00**
	Data Rate	**1856.67**							

6380179.84

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
10	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123,	Cum							
			Qty. Vide Item No. 1				455.22		
							455.22	73.12	33286.00
	Basic Rate Lead Charges Upto 2.00 Kms	5.12							
	PWD SR 2015-16 (P.118/I.17.1) For loading	68.00							
	Total	73.12							6298284.00
	(3% KRIDL Charges + 1% labour cess + Applicable GST)						Grand Total		5982347.00
11	For 17% KRIDL Charges								6928110 1016999.00
12	Miscesallaneous Charges	L/S							8905.00 654.00
									7000000.00

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2016-17
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 05(Jakkur)

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division
12/09.

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Sub Division

ADMINISTRATIVE APPROVAL

Accorded For Rs. Seventy lakhs only

Head of A/c P-1878

Div. Ref. No. 14/17-18 Date 12/09/17

AE 12/09. EE(BTP) 12/09

Technical Sanction
Accorded For 70.00 lakhRs.
Head of A/C P1878
CER NO : 186 Dt: 27/09/17

TA CE (YNK)